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All amounts are calculated in domestic currency.

Item	Item ID/GL/WOS	All Rec. Employees	All Currencies
Receipt Dates from 1/1/3/201			

[illegible]

## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M303R.500  
 DATE: 16-11-14

PO / BATCH NO.: P034079/M136036

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 24' 12'  
 QUANTITY INSPECTED: 24' 12'  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .500  
 THICKNESS RECEIVED: .500  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL	(Y)	N	
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT MATERIAL	(Y)	N	ASTM 502
CORRECT REF # TO LINK CERT	(Y)	N	7415
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

<b>QC 18 INSPECTION</b>	<b>ENGINEERING SIGNOFF (if required)</b>
INSPECTED BY: <u>9-89</u> DATE: <u>16-11-14</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



740 Imperial Road North

Certificate: 72213 13 Mail To:

Customer: 007035 501

45604

RS-12303

69466

#10

# METALLURGICAL TEST REPORT

North American Stainless Canada Inc.  
740 Imperial Road North  
Geauga, ON N1K1Z3  
Canada

Ship To:

Date: 6/29/2015 Page: 1

Steel: 303

Finish: CD

Corrosion:

Your Order: 765436

NAS Order: PN 0051184 07

## PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw  
ASTM A582/12 EN 10204 3.1, ASTM A484/11  
AMS 5640 TYPE 1, QOS-7648 CONDITION A  
SOLUTION ANNEAL, TEMP 1900F MIN

## REMARKS:

COMPLIES WITH REQUIREMENTS OF DPAF 252-228-7009 BY DIRECTIVE  
2011/65/EC. REUSE. EAF+ACD+CC. NO WELD REPAIR. MELTED AND MPQ  
IN USE FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Product Id	Std # Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BR0255 6	.5000		1.123	164.00	1	71469506	

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# 12323  
ES(Spain) US(United States) ZA(South Africa) JP(Japan) Chemical Analysis per ASTM A751/08

HEAT	CM	C %	CO %	CR %	CU %	NI %	NO %	SI %	ST %	P %
T4X5	US	.0421	.1845	17.1405	.3785	1.7905	.2810	.0481	8.3375	.0340

S %  
-3405 .4605

## MECHANICAL PROPERTIES

Product Id	Id	HB	-TYS	UTS	RA	ELG	% 2"
BR0255 6	RL	210.0	79.67	106.86	36.13	35.55	

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical  
Dept. Mgr.

*ABHJEET BHAVE*

ABHJEET BHAVE -

5/29/2015

DAS  
9-89